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STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
& ENVIRONMENTAL CONTROL
DIVISION OF ENVIRONMENTAL CONTROL
WATER RESOURCES SECTION

EDWARD TATNALL BUILDING
P.O. BOX 1401
DOVER, DELAWARE 19901



SEMS DocID 2332269

TELEPHONE (302) 678

September 10, 1980

Permit: SW-80/12
Mr. Albert W. Madora
Director of Public Works
New Castle County
2701 Capitol Trail
Newark, Delaware 19711

Dear Mr. Madora:

Pursuant to the provisions of the State of Delaware Solid Waste Disposal Regulation, Section 3.06 (a), the Department hereby grants a renewal of Solid Waste Permit SW-75/01 (Renewal) for the operation of a sanitary landfill at Pigeon Point near Wilmington, Delaware, in accordance with your request for renewal dated May 19, 1980.

This permit is subject to the following conditions:

1. The operation shall be conducted in accordance with the information submitted in the permit application and applicable provisions of the Delaware Solid Waste Disposal Regulation.
2. Closure of the Pigeon Point Landfill shall be in compliance with Section 6.03 (h) of the Delaware Solid Waste Disposal Regulation. Prior to closure, you shall submit closure plans to the Department and obtain approval of the plan. The closure plans shall include, as a minimum, provisions for a two (2) foot final cover with vegetation on the completed landfill, the maintenance of a ground-water monitoring program for a minimum of five (5) years from the date of closure, and the identification of the parties to be responsible for the closure and for the clean-up of any environmental problems created by the landfill.
3. No refuse shall be deposited on a wetlands area.
4. Monthly, on a calendar basis, a report shall be submitted describing compliance with daily cover requirements, specifically the active face. Pursuant to Section 6.03 (g) (4) (a) of the Delaware Solid Waste Disposal Regulation, daily cover consists of a suitable material placed over all

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EPA - REGION III
HAZARDOUS MATERIALS BRANCH

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solid waste as soon as possible after deposit and, at least by the end of each working day. The cover layer shall be at least six (6) inches in depth and shall be maintained and all cracked, eroded, and uneven areas shall be promptly repaired.

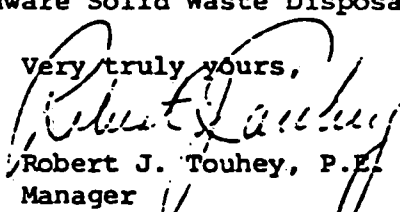
Within the monthly report, a weekly breakdown of cover operations shall address problems with cover operations, including the unavailability of sludge from the drying beds due to the lack of drying from inclement weather, equipment breakdown, or any other problems with covering. Also, the monthly summary shall document times of shutdown of the shredder which will cause an increase of disposal at the active face. This report shall be submitted by the fifteenth (15th) of the following month.

5. Monthly, you shall submit data on the quantity of waste received at the landfill.
6. Periodically, you shall conduct a general clean-up of the landfill area including blowing paper, litter, and other unaesthetic wastes related to the landfilling operation.
7. Quarterly, you shall sample monitor wells 1a, 37, 37a, 31a, 32a, 43, 42, 42a, 29a, 39, 28a, 41, 41a, and 41b. Samples shall be tested for pH, Cl, Alkalinity, $\text{NO}_3\text{-N}$, TKN, COD, BOD, Fe, As, Ba, Cd, Cr, Pb, Hg, Se, and Ag. These results shall be submitted to the Department.
8. Prior to January 1, 1981 and annually thereafter, you shall sample monitor wells 37, 37a, 42, 42a, 28a, 41a, and 28 for the following synthetic organic compounds: chloromethane; bromomethane; vinyl chloride; chloroethane; methylene chloride; trichlorofluoromethane; 1,1-dichloroethane; trans-1,2-dichloroethylene; chloroform; 1,2-dichloroethane; 1,1,1-trichloroethane; carbon tetrachloride; bromodichloromethane; 1,2-dichloropropane; trans-1,3-dichloropropene; trichloroethylene; dibromochloromethane; cis-1,3-dichloropropene; 1,1,2-trichloroethane; benzene; 2-chloroethylvinyl ether; bromoform; tetrachloroethylene; 1,1,2-tetrachloroethane; toluene; chlorobenzene; ethylbenzene; acrylonitrile; 1,1-dichloroethylene. These results shall be submitted to the Department.
9. Quarterly, you shall measure and submit the depth to water in monitor wells 1a, 37, 37a, 31a, 32a, 43, 42, 42a, 29a, 39, 38a, 41, 41a, and 41b. Quarterly, you shall prepare potentiometric surface contour maps for the water table aquifer and the Potomac aquifer.

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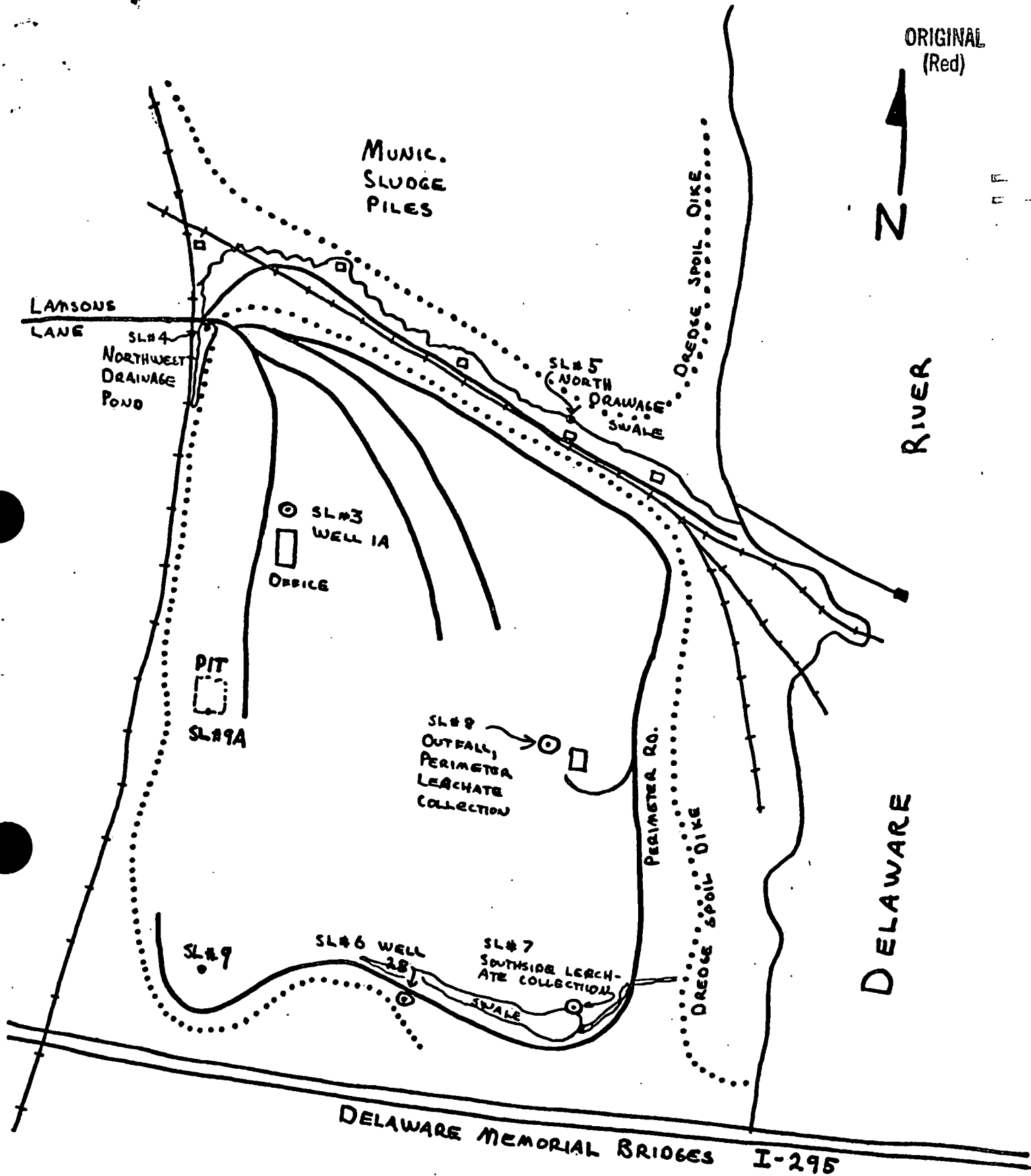
10. Quarterly, you shall monitor the runoff ditch from Sump #2 for pH, Cl, Alkalinity, NO₃-N, TKN, COD, BOD, Fe, As, Ba, Cd, Cr, Pb, Hg, Se, and Ag. The results shall be submitted to the Department.
11. No hazardous wastes shall be disposed of in the landfill after November 19, 1980. On the Department's adoption of the federal hazardous waste program, you shall obtain the Department's approval prior to disposing any wastes which may be potentially hazardous.
12. Representatives of the Department may, at any reasonable time, inspect this facility.
13. Transfer of Ownership and Control: In the event of any change in ownership or control of the facility, the permit may be transferred to another person if the permittee:
 - a. Notifies the Department, in writing, of the proposed transfer; and
 - b. A written agreement between the transferrer and the transferee, indicating the specific date of proposed transfer of permit coverage and acknowledging responsibilities of current and new permittees for compliance with and liability for the terms and conditions of this permit, is submitted to the Department; and
 - c. The Department within thirty (30) days of receipt of the notification of the proposed transfer does not notify the current permittee and the new permittee of intent to modify, revoke and reissue, or terminate the permit and require that a new application be submitted.
14. This permit shall expire in one (1) year from the date of issue and is subject to renewal. Within ninety (90) days from the expiration date of the permit, the permittee shall notify the Department on plans for renewal.
15. A copy of this permit shall be available at the facility at all times.
16. This permit shall be revoked upon violation of any of the preceding conditions or provisions of the Delaware Solid Waste Disposal Regulation.

Very truly yours,


Robert J. Touhey, P.E.
Manager

RJT:KRW:LAH:ltg

cc: John E. Wilson III Thomas P. Eichler Kenneth R. Weiss Lisa A. Hamilton
Richard Seidel Ray Trout James Duffield N. C. Vasuki Stephen Hsu
Anthony Donatoni



PIGEON POINT LANDFILL
TDD# F3-8101-17 DE.-27
SAMPLE LOCATIONS

